



Cushion Flash

by Greg Ninedorf

Gemology Online Faceting Design Competition 2014

Maximize Entry 5

Angles for R.I. = 2.160

61 + 12 girdles = 73 facets

4-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.544$ $U/W = 0.544$

$P/W = 0.455$ $C/W = 0.137$

$Vol./W^3 = 0.236$

PAVILION

P1	40.00°	96-04-08-12- 16-20-24-28- 32-36-40-44- 48-52-56-60- 64-68-72-76- 80-84-88-92	Cut to centerpoint.
G1	90.00°	03-21-27-45- 51-69-75-93	Set stone size.
G2	90.00°	12-36-60-84	Level girdle.
P2	50.00°	03-21-27-45- 51-69-75-93	Level girdle.

CROWN

C1	41.00°	03-21-27-45- 51-69-75-93	Set girdle width.
C2	36.00°	12-36-60-84	Level girdle.
C3	31.00°	96-24-48-72	Meet G1, C1.
C4	26.00°	01-23-25-47- 49-71-73-95	Meet C1, C2, C3.
C5	26.50°	12-36-60-84	Meet C1, C2, C3, C4.
T	0.00°	Table	Meet C3, C4.

C:\Users\ARYADE~1\Pictures\Gems\COMPET~2\20A2C8~1.GEM